

What is claimed is:

Sub A2 > 1. An image inputting and outputting apparatus comprising document management means which, upon receiving an instruction for registration of document image data from dialog-type control means, registers with memory means the document image data by adding an document ID to identify said document image data, pattern composition means that generates document image data with a document ID mark by integrating the document ID mark for said document image data and a specific page of said document image data, and output means that outputs the document image data with a document ID mark from said pattern composition means 8, characterized in that there is provided said dialog-type control means that inquires of the user about the choices with regard to registration with said memory means and gives instructions to said document management means on the basis of information indicated by the user.

2. The image inputting and outputting apparatus as defined in claim 1 wherein said dialog-type control means inquires of the user if the paper document that is inputted as document image data from document image inputting means 1 is the last page, the timing of said inquiry depending on the kind of registration mode.

Sub A2 > 3. The image inputting and outputting apparatus as defined in claim 2 wherein said dialog-type control means inquires of the user if the paper document that is inputted as document image data from document image inputting means 1 is the last page after the last page of the document image data is inputted from the document image inputting means 1.

4. The image inputting and outputting apparatus as defined in claim 2 wherein said dialog-type control means inquires of the user if the paper document that is inputted as document image data from document image inputting means 1 is the last page before the last page of the document image data is inputted from the document image inputting means 1.

5. The image inputting and outputting apparatus as defined in any of claims 1 to 4 wherein said dialog-type control means inquires of the user whether to output all the pages of the document image data corresponding to said document image data with a document ID mark along with the document image data with the document ID mark.

6. The image inputting and outputting apparatus as defined in claim 1 wherein said dialog-type control means inquires of the user in which form said document image data with a document ID should be outputted, in the normal form, the thumbnail form or the form for fax.

7. The image inputting and outputting apparatus as defined in claim 1 wherein said memory means is at least one out of hard disk, removable media and network-connected server.

8. The image inputting and outputting apparatus as defined in claim 7 wherein said dialog-type control means inquires of the user with which to register document image data, with hard disk, removable media or network-connected server.

9. The image inputting and outputting apparatus as defined in claim 7 wherein said dialog-type control means inquires of the user on which to copy document image data registered with the hard disk, on the removable media or network-connected server.

10. The image inputting and outputting apparatus as defined in claim 7 wherein said dialog-type control means inquires of the user to which to move document image data registered with the hard disk, to the removable media or network-connected server.

11. An image inputting and outputting apparatus comprising document management means which, upon receiving an instruction to fetch document image data from dialog-type control means, converts into a document ID the document ID mark contained in the document image data with a document ID mark inputted from the document image inputting means and fetches the document image data specified by the document ID, and output means that outputs the document image data taken out by said document image inputting means, characterized in that there is provided said dialog-type control means that inquires of the user about the choices with regard to the fetching data from said memory means and gives instructions to said document management means on the basis of information indicated by the user.

12. The image inputting and outputting apparatus as defined in claim 11 wherein said dialog-type control means inquires of the user if the attribute information on the document image data that is outputted by output means should be displayed on the control panel of said dialog-type control means.

13. The image inputting and outputting apparatus as defined in claim 11 wherein said dialog-type control means inquires of the user a range of pages of the document image data to be outputted from the output means.

14. The image inputting and outputting apparatus as defined in claim 11 wherein said dialog-type control means inquires of the user in which form said document image data should be outputted, in the normal form or thumbnail form.

15. The image inputting and outputting apparatus as defined in claim 11 wherein, when an error occurs while a plurality of document image data with document ID marks are being inputted from the document image inputting means, said dialog-type control means inquires of the user whether to resume the inputting.

16. The image inputting and outputting apparatus as defined in claim 11 wherein, in case at least one out of the registrant, registration term and registration source is indicated and inputted from said dialog-type control means as requirements for the fetching of document image data instead of inputting said document image data with a document ID mark, said dialog-type control means inquires of the user which document image data meeting the requirements for the fetching should be outputted from the output means.

17. The image inputting and outputting apparatus as defined in claim 16 wherein said dialog-type control means inquires of the user

whether document image data with document ID mark corresponding to the document image data meeting the requirements for the fetching should be outputted from the output means instead of the document image data meeting the requirements for the fetching.

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18. The image inputting and outputting apparatus as defined in claim 17 wherein said dialog-type control means inquires of the user in which form said document image data with a document ID mark should be outputted, in the normal form, the thumbnail form or the form for fax.

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506A27 19. An image inputting and outputting apparatus wherein document image data are registered with the memory means 97 and managed with document ID's at said document management means 3 and when a document ID is given, the document image data corresponding to said document ID is fetched, characterized in that there is provided said document management means to specify the document image data corresponding to the immediately preceding access to said memory means.

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20. An image inputting and outputting apparatus wherein document image data are registered with the memory means 97 and managed with document ID's at said document management means 3 and when a document ID is given, the document image data corresponding to said document ID is fetched, characterized in that there are provided:

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said document management means having a first function to specify document image data on the basis of the immediately preceding access to said memory means and a second function to specify document image data on the basis of the inputted document ID and

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dialog-type control means for directing the selective switchover

between said two functions.

21. The image inputting and outputting apparatus as defined in claim 19 or claim 20 wherein said memory means is at least one out of hard disk, removable media and network-connected server.

22. The image inputting and outputting apparatus as defined in claim 19 or claim 20 wherein said immediately preceding access is the immediately preceding fetching.

23. The image inputting and outputting apparatus as defined in claim 19 or claim 20 wherein said immediately preceding access is the immediately preceding registration.

24. The image inputting and outputting apparatus as defined in claim 19 or claim 20 wherein said immediately preceding access is the immediately preceding fetching and immediately preceding registration and wherein in case no document image data has just been fetched, document image data is specified on the basis of the immediately preceding registration.

25. The image inputting and outputting apparatus as defined in claim 19 or claim 20 wherein said document management means is provided with an attribute management table where specific document image data and their corresponding document ID's are written and wherein the date and time of the previous access are written on said attribute management table so that said date and time are referred to in order to judge whether an access is the immediately preceding access or

not.

26. The image inputting and outputting apparatus as defined in claim 19 or claim 20 which is provided with dialog-type control means for indicating and inputting an instruction to fetch document image data corresponding to said immediately preceding access.

27. The image inputting and outputting apparatus as defined in claim 19 or claim 20 which is provided with user authorization means where user ID's allocated for individual users are inputted to authenticate users wherein said document management means specifies document image data corresponding to said immediately preceding access for individual user ID's.